IORM	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCINSURGE				ATTY. DOCKET NO. B4145AB	SERIAL NO. 09/975,953			
	5	NFORMATION DISCLOSE TATEMENT BY APPLICAN (Use several sheets if necess)	A. FR	O NEW	APPLICANT Marie-Christi	ne VERN			
37 CFR 1.98(b)				X X	FILING DATEOD October 15, 2001			CROUP 1744	
			PART N	TEN	T DOCUMENTS		1/44		
EXAMINER INITIAL		DATES TAULUS TO	ISSUE		- Journal		SUB		
ZI	AA	PATENT NUMBER 4,695,472	09/87	D	PATENTEE unn et al.	CLASS		FILING I	
	AB	5,690,978	11/97		in et al.				
7	AC		 	+-			TRE	^ -	
	AD			+-	<u> </u>		Fr	4511	
	AE		 	+-			LFB	20 20	
	AF			+-			TO	200	
	AG			1-			18 🕥	1700	
ORFICE	DATEN	T OP DUDLIEUS SO		- 					
JIIZIUN	·MILE	T OR PUBLISHED FO	BEIGN PATE	HTA	PPLICATION		_		
		DOCUMENT NO.	PUBL.	1			SUB	TRANSLATION	
7	Al	97/05067	02/97	WO	DUNTRY OR PATENT OFFICE	CLASS	CLASS	YES NO	
1/	AJ	2 288 060	05/76	FR					
4	AK	99/39752	08/99	WO					
+ +				-					
	AL AM		 	↓				-	
$\neg \neg$	AN			—					
	AO			 					
ED DOG	IIII PA	re de la	L	L					
CD BOC	AT	is lincinging Author	or, Title, Da	te, R	elevant Pages, Plac	e of Publ	ication)		
	AU								
	AV			-					
_	AW								
	-								
AMINER 202-6				DATE CONSIDERED					
		120/04/)		9/7/2002/				
MIRER: 1 Ode eon	Ditial ĉi v of thi-	itation considered. Dra I form with next commu	ew line throu	gh eil	tation if not in conform	ance and n	ehizno3 10	red	
/&T (3/94)			mication to i	applic	ent.				

Page 2 of

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARY OFFICE

37 CFR 1.98(b)

ATTY. BOCKET NO. B4145AB

SERIAL NO. 09/975,95

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

3

APPLICANT Marie-Christine VERNHES et al

HIMCDATEGO October 15, 2001

GROUP 1744

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication) J. Bernhardt et al., "On the Generation of Potential Differences across the Membrances of Ellipsoidal Cells in an Alternating Electrical Field," Biophysik, V. 10, 1973, pp. 89-98. Kazuhiko Kinosita et al., "Voltage-Induced Conductance in Human 2 Erythrocyte Membranes," Biochimica et Biophysica Acta., V. 554, 1979 Justin Teissie et al., "Electric Field Induced Transient Pores in Phospholipid Bilayer Vesicles, "Biochemistry, V. 20, 1981 pp. 1948-S.Y. Ho et al., "Electroporation of Cell Membranes: A Review," Critical Reviews in Biotechnology, V. 16, 1996, pp. 349-362. Lluis M. Mir et al., "Introduction of Definite Amounts of Nonpermeant 5 Molecules into Living Cells after Electropermeabilization: Direct Access to the Cytosol, " Experimental Cell Research, V. 175, 1988, pp. Tian Y. Tsong, "Electroporation of Cell Membranes," Biophy. J., V. 60, 6 Ivan Hapala, "Breaking the Barrier: Method for Reversible Permeabilization of Cellular Membranes, " Critical Reviews in Biotechnology, V. 17, 1997, pp. 105-122. W.A. Hamilton et al., "Effects of High Electric Fields on 8 Microorganisms: II. Mechanism of Action of the Lethal Effect," Biochimica et Biophysica Acta, V. 148, 1967, pp. 789-800. 9 A.J.H. Sale et al., "Effects of High Electric Fields on Microorganisms: I: Killing of Bacteria and Yeasts, " Biochim. Biopohys. Acta, V. 148, 1967, pp. 781-788. A.J.H. Sale et al., "Effects of High Electric Fields on Microorganisms: III: Lysis of Erythrocytes and Protoplasts, " Biochim. Biopohys. Acta, V. 163, 1968, pp. 37-43. H. Hülsheger et al., "Killing of Bacteria with Electric Pulses of High 11 Field Strength, " Radiat. Environ. Biophys., V. 20, 1981, pp. 53-65. H. Hülsheger et al., "Electric Field Effects on Bacteria and Yeast 12 Cells, Radiat. Environ. Biophys., V. 22, 1983, pp. 149-162. Akira Mizuno et al., "Destruction of Living Cells by Pulsed High-13 Voltage Application," IEEE Transactions on Industry Applications, V. M.M. Kekez et al., "Contribution to the Biophysics of the Lethal 14 Effects of Electric Field on Microorganisms, " Biochim. Biophys. Acta, V. 1278, 1996, pp. 79-88. T. Grahl et al., "Killing of Microorganisms by Pulsed Electric 15 Fields, "Appl. Microbiol. Biotechnol., V. 45, 1996, pp. 148-157.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

P	a	g	e	3	of	3

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE U.S. DEPARTMENT.

PATENT AND TRADEMARK OFFICE C

ATTY. DOCKET NO. B4145AB

8EBIAL NO. 09/975,953

INFORMATION DISCLOSURER STATEMENT BY APPLICAN 37 CFR 1.98(b)

APPLICANT

Marie-Christine VERNHES et a

FRING DATEOD October 15, 2001

GBOUP 1744

OTUED	DAGUE	FUTS (Included a STEM & TREE					
O I II LA	DOCUM	itals the light Allhor Title Date Date					
LA	16	Sheshakamal Jayaram et al., "Kinetics of Sterilization of Lactobacillus brevis Cells by the Application					
4		Dactobact I lita hansis a second of Steril 12ation of					
-11-1-	17	I Blotechnology and Pinger in Application of High Voltage P. 1					
	17						
Y	- [Dietrich Knorr et al., "Food Application of High Electric Field Pulses," Trends in Food Science and Technology, V. 75					
	10	1/3.					
- } ·	18						
Ì	- 1	righ-Intensity Pulsed Electric Fields Critical Foods Using					
	19						
Ì	117	Dal-Lill Din of al ""					
j		Traductic Field Continuous Treatment System # Inches					
	20	I TAME UP CITY ADDITIONS IN THE TAME OF TH					
j	20	10. ICISSIA AF 31 nm3					
		J. Teissié et al., "Electrofusion of Large Volumes of Cells in 57. L. Teissié et al., "Bioelectrochemistry and Bioenergetics, V. 19, 1988, pp. 49-					
	21	1 2/• 1000 1000					
- 1	41						
- 1	1	culture: Part II: Cells Growing in Suspension " and Diago volumes of Cells in					
_	22	I will Didentification to a					
- 1	1 22						
1	l	Biophysical and Application to Large Volumes of California					
7	23						
1	23						
Ι.	1 1	J. Teissié et al., "Large Volume Cell Electropermeabilization and Electrofusion by a Flow Process," Allen Ed, Birkhauser Press, 1992, Mario Pic.					
	24						
	~ 7	Cells by Ri					
		Marie-Pierre Rols et al., "Highly Efficient Transfection of Mammalian Cells by Electric Field Pulses," <u>Eur. J. Biochem.</u> , V. 206, 1992, pp.					
	25						
j		U. Brüggemann et al., "Low-Oxygen-Affinity Red Cells Produced in a Large-Volume, Continuous-Flow Electroporation System " Toward Continuous System " Toward					
		35. 1995 produced in a					
	26	Large-Volume, Continuous-Flow Electroporation System, "Transfusion, V. Usha P. Dath J. P					
- 1		Temperature and the state of Growth State of G					
		Usha R. Pothakamury et al., "Effect of Growth Stage and Processing Ournal of Protesting Ournal of Protesting Ournal of Protesting					
/							
]	in Liquid Egg Using Pulsed Electric Fields, "Journal of Food Processing and Preservation, V. 21, 1997, pp. 102					
J \top	28 1	Processing and Preservation, V. 21, 1997, pp. 193-208					
		D. Gásková et al., "Effect of High-Voltage Electric Pulses on Yeast Cells: Factors Influencing the Killing Efficiency."					
	1	Cells: Factors Influencing the Killing Efficiency,"					
2-		Bioelectrochemistry and Bioenergetics, V. 39, 1996, pp. 195-202.					
MINER		, -1507 pp. 195-202.					

DATĘ CONSIDERED

EXAMINER: Initial citation considered. Drawline through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Form Y&T (3/94)